



Atty. Dkt. No. 029860-0114

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andreas MORELL *et al.*

Title: POLYPEPTIDES CAPABLE OF FORMING ANTIGEN BINDING
STRUCTURES WITH SPECIFICITY FOR THE RHESUS D ANTIGENS, THE
DNA ENCODING THEM AND THE PROCESS FOR THEIR PREPARATION
AND USE

Appl. No.: 09/147,443

Filing Date: 01/21/1999

Examiner: Francois P. Vandervegt

Art Unit: 1644

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents were originally submitted to the USPTO on March 1, 1999. See the attached copy of a PTO date-stamped postcard, indicating submission of 22 references. At the Examiner's request, the listed documents are being resubmitted.

Because the original submission of these documents was timely, submission of this Supplemental IDS should not result in any determination of "delay" by Applicants for purposes of determining Patent Term Adjustment (See 37 CFR §§ 1.701-1.705).

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

FEE

Because the original submission complied with 37 CFR §1.97(b), no fee should be required for this resubmission.

Nonetheless, the Commissioner is hereby authorized to charge any fees that may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

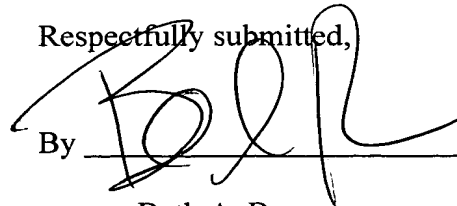
Date

6 May 2004

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Respectfully submitted,

By



Beth A. Burrous
Attorney for Applicant
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT MAY 06 2004 (use as many sheets as necessary) Sheet <u>1</u> of <u>2</u>		Complete if Known <table border="1"> <tr> <td>Application Number</td> <td>09/147,443</td> </tr> <tr> <td>Filing Date</td> <td>01/21/1999</td> </tr> <tr> <td>First Named Inventor</td> <td>Andreas Morell</td> </tr> <tr> <td>Group Art Unit</td> <td>1644</td> </tr> <tr> <td>Examiner Name</td> <td>Francois P. Vandervegt</td> </tr> <tr> <td>Attorney Docket Number</td> <td>029860-0114</td> </tr> </table>		Application Number	09/147,443	Filing Date	01/21/1999	First Named Inventor	Andreas Morell	Group Art Unit	1644	Examiner Name	Francois P. Vandervegt	Attorney Docket Number	029860-0114
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Attorney Docket Number	029860-0114														

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A1	BARBAS III et al., "Combinatorial Immunoglobulin Libraries on the Surface of Phage (Phabs): Rapid Selection of Antigen-Specific Fabs," <u>Methods: A Comparison to Methods in Enzymology</u> , April 1991, pp. 119-124, Vol. 2, No. 2, Academic Press, Inc.	
	A2	CHÉRIF-ZAHAR et al., "Molecular cloning and protein structure of a human blood group Rh polypeptide," <u>Proc. Natl. Acad. Sci. USA</u> , August 1990, pp. 6243-6247, Vol. 87	
	A3	CRAWFORD et al., "Production of Human Monoclonal Antibody to Rhesus D Antigen," <u>The Lancet</u> , February 19, 1983, pp. 386-388, Vol. I, No. 8321	
	A4	DZIEGIEL et al., "Recombinant Antibody Against the Erythrocyte Antigen, Rhesus D," Abstract No. T513, <u>Journal of Cellular Biochemistry</u> , February 26-April 17, 1994, p. 212, Supplement 18D, Wiley-Liss	
	A5	HUGHES-JONES, "Human Monoclonal Antibodies and Haemolytic Disease of the Newborn," <u>British Journal of Haematology</u> , November 1988, pp. 263-265, Vol. 70, No. 3, Blackwell Scientific Publications	
	A6	ISSITT, "Genetics of the Rh blood group system: some current concepts," <u>Medical Laboratory Sciences</u> , 1988, pp. 395-404, Vol. 45, Blackwell Scientific Publications	
	A7	KOZBOR et al., "The production of monoclonal antibodies from human lymphocytes," <u>Immunology Today</u> , 1983, pp. 72-79, 1983, Vol. 4, No. 3, Elsevier Science Publishers B.V.	
	A8	LE VAN KIM et al., "Molecular cloning and primary structure of the human blood group RhD polypeptide," <u>Proc. Natl. Acad. Sci. USA</u> , November 1992, pp. 10925-10929, Vol. 89	
	A9	MOURO et al., "Rearrangements of the Blood Group RhD Gene Associated with the D ^{VI} Category Phenotype," <u>Blood</u> , February 15, 1994, pp. 1129-1135, Vol. 83, No. 4, The American Society of Hematology	
	A10	PARADIS et al., "Protective Effect of the Membrane Skeleton on the Immunologic Reactivity of the Human Red Cell Rh(D) Antigen," <u>The Journal of Immunology</u> , July 1, 1986, pp. 240-244, Vol. 137, No. 1, The American Association of Immunologists	
	A11	PERSSON et al., "Generation of diverse high-affinity human monoclonal antibodies by repertoire cloning," <u>Proc. Natl. Acad. Sci. USA</u> , March 1991, pp. 2432-2436, Vol. 88	
	A12	RACE et al. (Eds.), <u>Blood Groups in Man</u> , 1975, TABLE OF CONTENTS ONLY, Blackwell Scientific Publications	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use ~~8~~ as many sheets as necessary)

2	of	2
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Examiner Name	Francois P. Vandervegt
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[illegible]Date
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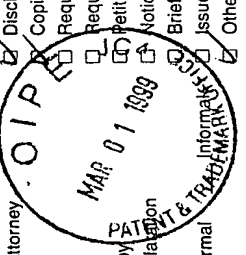
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JPH&S Ref 6816/P63221USD Today's Date 3/1/99
Serial/Patent No. 09/147,443
Applicant Andreas MORELLE et al
Filing Date December 24, 1998

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☐ pp. Specification & Claims
- ☐ Combined Declaration, Power of Attorney
- ☐ Preliminary Amendment
- ☐ Rule 53 (b) Application
- ☐ Rule 53 (d) Application
- ☐ Claim to Priority and Certified Copy
- ☐ Substitute
- ☐ Maintenance Fee
- ☐ Drawings
- ☐ Assignment/Change of Name
- ☐ Small Entity Declaration
- ☐ Check for \$
- ☐ Response to Office Action
- ☒ Disclosure Statement
- ☒ Copies of References (22)
- ☐ Request for Refund
- ☐ Request for Corrected Filing Receipt
- ☐ Petition for XOT
- ☐ Notice of Appeal
- ☐ Brief
- ☐ Issue Fee Transmittal
- ☒ Other Copy Isr



JPH&S 12/97 DUE DATE 3/24/99 JACOBSON, PRICE, HOLMAN & STERN, PLLC
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004

Person filing DLS